

ATTENDEES:	Lloyd Carpenter	RDC	982-3708
	Dave Case	ARC	805-0305
	Al Fleig	900	286-7747
	Harold Geller	RDC	982-3740
	Tom Goff	RDC	982-3704
	Ravi Kumar	STX	286-9515
	Ed Masuoka	920.2	286-7608
	Al McKay	RDC	982-3720
	Jim Ormsby	974	286-6811

NEXT MEETING:	Date	Time	Building	Room
	Friday, July 19	10:00 am	16	242

TOPICS:

1. MODIS IMAGE RECTIFICATION TECHNIQUES: Al McKay led a discussion of a proposed survey related to the rectification of MODIS images with sufficient precision to satisfy the requirements of the MODIS land discipline. The focus will be on estimating the performance of existing techniques if applied in the MODIS environment.

2. CASE TOOL RECOMMENDATIONS: Tom Goff discussed a Computer Aided Software Engineering (CASE) environment consisting of the components

a front-end design tool for program diagramming,

a back end tool for code generation and debugging,

a configuration management tool,

a publication package for documentation,

a data dictionary, and

a "glue" to get everything to work together.

A basic Cadre TeamWork CASE environment with Hewlett-Packard's SoftBench for code generation and debugging could be purchased for around \$10K at the maximum discount. Space Station has already selected TeamWork. Ed Masuoka will check to see what Space Station has, and whether we can add on to their purchase.

Reverse engineering of existing code will be an essential element of the

CASE tools for MODIS and EOSDIS.

3. HDF IMPLEMENTATION FOR MAS: Harold Geller is having the HDF documentation printed on the Mac. Tom Goff will put together a schedule for implementing HDF for MAS Level-1B data before November. At this point it appears that the VAX will be used to generate the MAS Level-1B data.

4. NETWORK/CONNECTIVITY DISCUSSION: Dave Peters was identified as the contact person for connecting an outside workstation to the LTP VAX.

5. SCENARIOS FOR LEVEL-1 PROCESSING: Al McKay led a discussion of the modified version of the normal processing scenario. Assumptions with regard to the scheduler were specifically identified.

ACTION ITEMS:

05/03/91 [Lloyd Carpenter and Tom Goff]: Prepare a Level-1 processing assumptions, questions and issues list, to be distributed to the Science Team Members and the MCST for comment. (The list, the executive summary, information on the EOS Platform Ancillary Data, and a cover letter were delivered for signature and distribution.) STATUS: Open. Due date 06/07/91.

05/31/91 [Liam Gumley]: Establish a connection with the proper person at Ames Research Center for communication on MAS formats, an interface control document, agreements, etc. STATUS: Open. Due date 07/19/91

06/07/91 [Liam Gumley]: Speak to Alan Strahler, when he returns, regarding his MAS requirements. (This item is delayed until Liam returns from Wisconsin.) STATUS: Open. Due date 07/05/91

06/21/91 [Liam Gumley]: Obtain a copy of all available MAS Level-1B processing software and any existing documentation from the University of Wisconsin at Madison for porting to a system at GSFC. (Liam is at Wisconsin for this purpose.) STATUS: Open. Due date 07/19/91

06/21/91 [Liam Gumley]: Generate a complete milestone schedule for conversion, installation and testing of all modules of the MAS Level-1B processing software at GSFC. Draw up an agreement between the SDST and Mike King of what will be done. STATUS: Open. Due date 07/19/91

05/31/91 [Al McKay and Phil Ardanuy]: Examine the effects of MODIS data product granule size on Level-1 processing, reprocessing, archival, distribution, etc. (Work is continuing.) STATUS: Open. Due Date 06/21/91

06/28/91 [Lloyd Carpenter and Tom Goff]: Prepare a detailed list of scheduler assumptions in relation to Level-1 MODIS processing scenarios. STATUS: Open. Due date 07/26/91.

06/28/91 [Lloyd Carpenter]: Prepare a letter to Bill Barnes inquiring as to whether or not the platform ancillary data will be included with the MODIS instrument data. (The letter was signed.) STATUS: Closed. Due date 07/05/91.

06/28/91 [Tom Goff]: Prepare an estimate of the total cost of Cadre's Teamwork CASE tools and the Soft Bench umbrella product for the MODIS environment. (A report was given at the meeting.) STATUS: Closed. Due date 07/05/91.